

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4944188
<b>Application Number:</b>	10826971
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	1184
<b>Title of Invention:</b>	Multi-layer run level encoding and decoding
<b>First Named Inventor/Applicant Name:</b>	Jie Liang
<b>Customer Number:</b>	26119
<b>Filer:</b>	Kyle Rinehart/Valerie Sullivan
<b>Filer Authorized By:</b>	Kyle Rinehart
<b>Attorney Docket Number:</b>	3382-67641-01
<b>Receipt Date:</b>	11-MAR-2009
<b>Filing Date:</b>	15-APR-2004
<b>Time Stamp:</b>	11:55:47
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	6758
Deposit Account	024550
Authorized User	KLARQUIST SPARKMAN LLP

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		IDS.PDF	109437	yes	3
			28f8522fc63eb77359a769ffebc2dd1712968ef3		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Information Disclosure Statement Letter		1	2	
	Information Disclosure Statement (IDS) Filed (SB/08)		3	3	
Warnings:					
Information:					
2	NPL Documents	Bosi_ISO-IEC_MPEG-2_Advanced_Audio_Coding.pdf	2694783	no	26
			7611d9f524708062d503803df2627d18cac41fa		
Warnings:					
Information:					
3	NPL Documents	Chung_novel_memory-efficient_Huffman_decoding_algorithm.pdf	384203	no	7
			a89e5aa98e1bab0834e029d1b035aff21bd90db7		
Warnings:					
Information:					
4	NPL Documents	Lee_Wavelet_Filter_Banks.pdf	1774054	no	144
			209087e6f29cdd748ba859dfb54d367163647d08		
Warnings:					
Information:					
5	NPL Documents	Novak_Spectral_Band_Replication.pdf	196095	no	2
			7697ad9a728a85a3bb1ba2456bb60b08adb35238		
Warnings:					
Information:					
6	NPL Documents	Painter_Review_Algorithms_Perceptual_Coding.pdf	606660	no	30
			f02db583a7780ceaa8c7aaada6a4cfa95cd03fa0		
Warnings:					
Information:					
7	Fee Worksheet (PTO-06)	fee-info.pdf	29990	no	2
			2f4d979bd9901244274c2c590428d61e52ce489f		
Warnings:					
Information:					

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.